

[illegible]

- a) preparing first NMR spectra of a first complex comprising the biological target and a paramagnetically labeled derivative of a first ligand;
- b) preparing second NMR spectra of a second complex comprising the biological target and a second ligand; and
- c) analyzing the spectra to determine whether the second ligand binds to the biological target within the paramagnetic zone of the paramagnetically labeled derivative;

wherein steps (a) and (b) are performed simultaneously, consecutively, or in any order.